

ing one of the most sublime spectacles of human ingenuity, and human daring the world ever beheld. It actually made one giddy to look at it, and filled thousands with lively fears for the safety of the individuals who were on it, and who seemed not to run along the earth, but to fly, as it were, on the wings of the wind."

The following are additional particulars:—We have been informed at the Railway Office, that the course was rather more than a mile and three-quarters each way, making a total distance each heat of about three miles and a half. Mr. Stephenson's carriage, the Rocket, with wagons and tender attached to it, weighing 12 tons 9 cwt., and the weight on the wheels of the engine being 4 tons 3 cwt., performed four heats in the following periods:

The 1st heat was performed in $13\frac{1}{2}$ minutes.

2d	"	"	$22\frac{1}{2}$	"
3d	"	"	$15\frac{1}{4}$	"
4th	"	"	$17\frac{1}{4}$	"

$62\frac{1}{2}$ minutes.

Being a distance of fourteen miles. The Rocket performed one heat, without any weights being attached to it, $8\frac{1}{2}$ minutes, being at the rate of $24\frac{1}{2}$ miles in the hour.

EXPERIMENTS ON WEDNESDAY.—We have just heard that there was an experiment made on Wednesday, with the carriage of Messrs. Braithwaite and Erickson, preparatory to the grand trial which is to be made on Saturday. The carriage is said to have travelled at the rate of 25 miles in the hour, with three times its own weight. In consequence of the bursting of the bellows of one of the engines, the commencement of the contest was postponed to yesterday.

Further experiments on the Rail Road.

THURSDAY.—The powers of Mr. Stephenson's carriage, the Rocket, were this day put to the test in the performance of a journey of seventy miles, with loaded wagons attached to it. This, we are informed, was done at the average rate of eleven miles in the hour, including stoppages, and the time lost after stopping to return, before the recovery of the general speed. On one occasion the distance of thirteen miles was performed within the hour. We have been favoured by Messrs. Braithwaite and Erickson with the following paragraph:

Trial of the Locomotive Engine.—In consequence of the judges having this day ordered a new set of conditions, or "or-